



STATE OF DELAWARE  
DEPARTMENT OF TRANSPORTATION

800 Bay Road  
Dover, DE 19901  
760-2011

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**Posting # 61472071RR**  
(Revised to extend closing date)

**ENGINEERING/PLANNING/SURVEYING TECHNICIAN V**

**Opening Date:** August 3, 2006

**Closing Date:** September 25, 2006

**Vacancies Exists**

**Salary:** \$44,761 - \$55,951- (Minimum - Midpoint) Pay Grade 15

**Location:** New Castle County (**Please check this county on your application**) Transportation Solutions, Transportation Management Center, 169 Brickstore Landing Rd, Smyrna, DE

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**Summary Statement:** This class series uses five levels of work in the Technical Services Occupational Group, Engineering Services Series and describes technical work applying engineering, planning and/or surveying principles and practices to support various engineering/planning initiatives. Engineering/Planning/Surveying Technicians (EPS Technician) carry out a variety of activities in the areas of construction, inspection, surveying, design, maintenance, materials and research, traffic, and planning. Positions at this level supervise multiple major projects/units simultaneously **OR** supervise a major agency/statewide technician function. Positions at this level work under the general direction of a technical superior

**Minimum Qualifications:** Please address each item separately on the Minimum Qualifications page of the application. Failure to do so will result in a disqualification.

Applicant must meet each of the following qualifications. Failure in any one area will result in a rating of "not qualified."

**Traffic Engineering-Transportation Management Center:**

1. Experience in reading and interpreting plans, schematic drawings, blueprints and preparing scaled drawings.

Applicants please detail all experience in reading and interpreting plans, schematic drawings, blueprints, and/or preparing scaled drawings. Experience in computer aided design such as

MicroStation, and/or AutoCAD is qualifying. Experience in interpreting plans for road construction and intersection design is also qualifying.

2. Experience in transportation management.

Applicant must detail all experience in the application of the principles of transportation management or traffic engineering and mathematics to the solution of traffic management problems.

3. Experience in planning and implementing transportation management plans for incidents and special events.

Applicant must detail all training/coursework and/or experience in planning and implementing transportation management plans for incidents and special events.

4. Experience evaluating the effectiveness of traffic control devices including signs or pavement markings.

Applicant must detail all experience in evaluating the effectiveness of traffic control devices including signs or pavement markings.

5. Experience applying the methods used to analyze cause of and remedies for high-risk traffic conditions.

Applicant must detail all experience in applying the methods used to analyze cause of and remedies for high-risk traffic conditions.

6. Experience in project management.

Applicant must detail all experience in project management which includes planning, coordinating, directing, monitoring and/or evaluating the results of projects.

7. Experience in contract management and control.

Applicant must detail all experience in contract management and control to include compliance with terms of contracts and negotiating changes to existing contracts.

8. Experience in staff supervision

Applicants must detail experience in staff supervision to include prioritizing, assigning, reviewing and evaluating the work of others.

**Examination:** The application is evaluated based upon a rating of training and experience.

**Essential Functions:**

- Inspects infrastructures to ensure compliance with design plans, materials specifications, safety requirements, construction processes, local, state and federal codes and on going maintenance requirements; documents/reports compliance or deficiencies.
- Designs/develops/reviews engineering project/site layouts, alignments, profiles, studies, graphs and other related activities.
- Compiles and records notes, sketches, test results, inspection data and other information to document compliance and/or develop designs, specifications, reports, maps and other geographically based data.
- Conducts various studies to be used by others to analyze needs/develop plans, record characteristics and other related activities.
- Conducts data analysis to determine accuracy of data collected, develop recommendations, develop corrective designs and/or ensure compliance.
- Tests/evaluates the quality of materials or designs to verify adherence to contracts and specifications.
- Obtains survey data, such as angles, elevations, points, and contours, using electronic distance measuring equipment and other surveying instruments.
- Calculates/measures area and volume dimensions, horizontal and vertical geometry, profile and component specifications, and material testing dimensions using calculators or computers.
- Operates computer assisted drafting equipment or other tools of the trade.
- Reads and interprets plans, specification, blueprints and other engineering documents.
- Supervision, as defined in level IV, is accountable for supervising employees and all phases related to multiple major projects/units simultaneously including administering contracts.
- Supervision of a major agency/statewide technician function.
- Administers multiple complex contracts for compliance with contract terms and specifications, approves progress payments, and recommends approval of final payments.
- Coordinates all facets of multiple complex projects including the review of site plans and engineering designs.
- Regular contacts are typically with agency management, contractors regarding on-going projects/activities, to resolve compliance problems/issues and to review/explain contract terms/specifications, project goals and objectives.

**License, Registration or Certification:**

Possession of a valid class “D” driver’s license.

**Conditions of Employment:**

Work Schedule – 40 hours per week, rotating shifts that cover 24 hours, 7 days per week.

Upon a conditional offer, you must undergo pre-employment drug testing as part of the hiring process.

Applicants must be legally authorized to work in the United States. DelDOT does not provide employment-based sponsorship.

If required by job assignment, qualified applicants may require physical abilities to lift weights up to 50 pounds; extensive walking over unstable and rough terrain and exposure to weather extremes.

If required by job assignment, qualified applicants should be available to work overtime on a regular basis.

Direct deposit of paychecks is required as a condition of employment.

**Benefits:** To learn more about the comprehensive benefit package please visit the web-site at <http://ben.omb.delaware.gov/programs/index.shtml>

**Submitting your Application:**

- **Apply on-line at [www.delawarestatejobs.com/postings](http://www.delawarestatejobs.com/postings). (Your application will be routed automatically to the recruiting agency).**
- Paper applications can be submitted to one of the following locations:

**DEPARTMENT OF TRANSPORTATION (DELDOT)**, Human Resources,  
800 Bay Road, Dover, DE 19901 Phone: (302)760-2011 Fax (302)760-2771

**HUMAN RESOURCE MANAGEMENT**

Haslet Armory, 1<sup>st</sup> Floor, 122 William Penn Street, Dover, DE 19901 Phone:  
(302) 739-5458 Fax: (302) 739-2327

Carvel State Office Building, 1<sup>st</sup> Floor, 820 North French Street, Wilmington, DE  
19801 Phone: (302) 577-8277 Fax: (302) 577-3957

Delaware Technical and Community College Campus, P. O. Box 610,  
Georgetown, DE 19947 Phone: (302) 856-5966 Fax: (302) 856-5969

**Attachments to Applications:**

- Please do not submit copies of evaluations, letters of reference, training certificates, or college transcripts unless requested.
- If supplemental information is requested by the posting or needed for scoring purposes such as but not limited to a DD214, resumes or transcripts, please send or fax to the recruiting agency before or on the specified closing date.
- Applications or additional information will not be accepted after the closing date.
- Resumes will not be accepted unless accompanied by a State of Delaware Application.

**Accommodations:**

- Accommodations are available for applicants with disabilities in all phases of the application and employment process. To request an auxiliary aid or service please call (302) 739-5458
- TDD users should call the Delaware Relay Service Number 1-800-232-5460 for assistance.

**The State of Delaware - An Equal Opportunity and Affirmative Action Employer**